FIG. 1

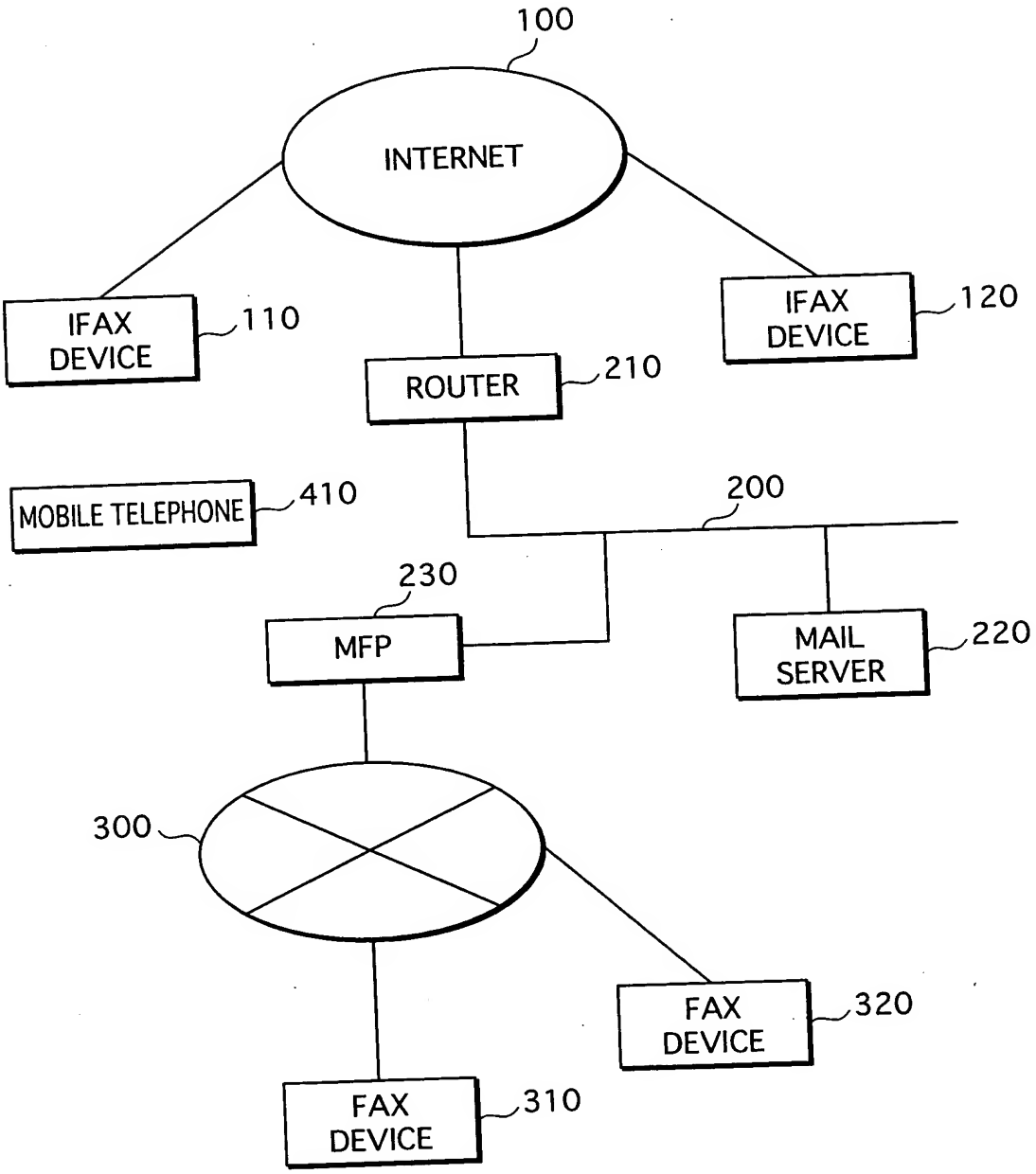

100
INTERNET
IFAX DEVICE
110
ROUTER
210
IFAX DEVICE
120
MOBILE TELEPHONE
410
200
230
MFP
MAIL SERVER
220
300
FAX DEVICE
320
FAX DEVICE
310

FIG. 2

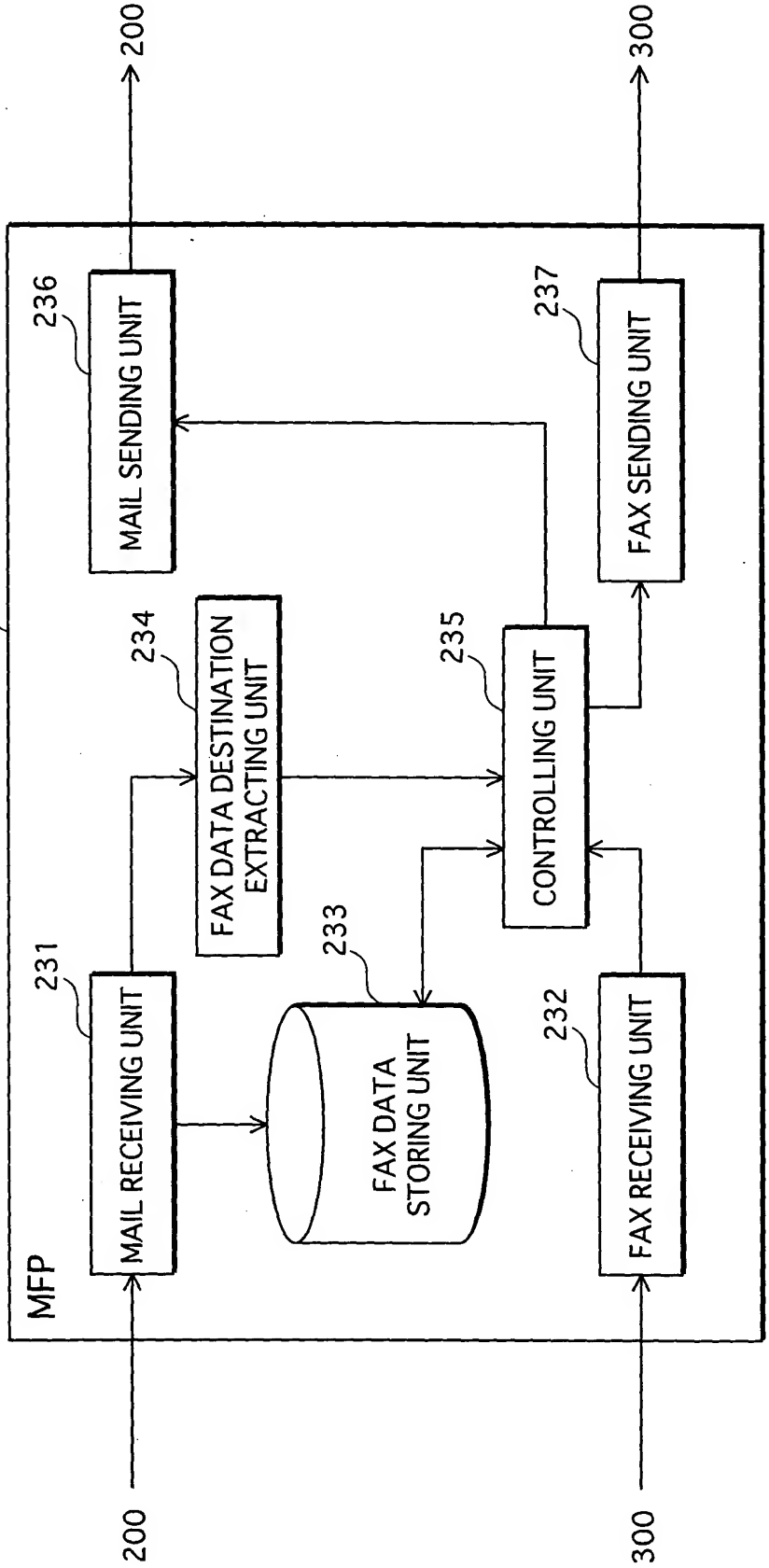

200
300
230
MFP
236
MAIL SENDING UNIT
237
FAX SENDING UNIT
234
FAX DATA DESTINATION EXTRACTING UNIT
235
CONTROLLING UNIT
233
FAX DATA STORING UNIT
231
MAIL RECEIVING UNIT
232
FAX RECEIVING UNIT
200
300

FIG.3

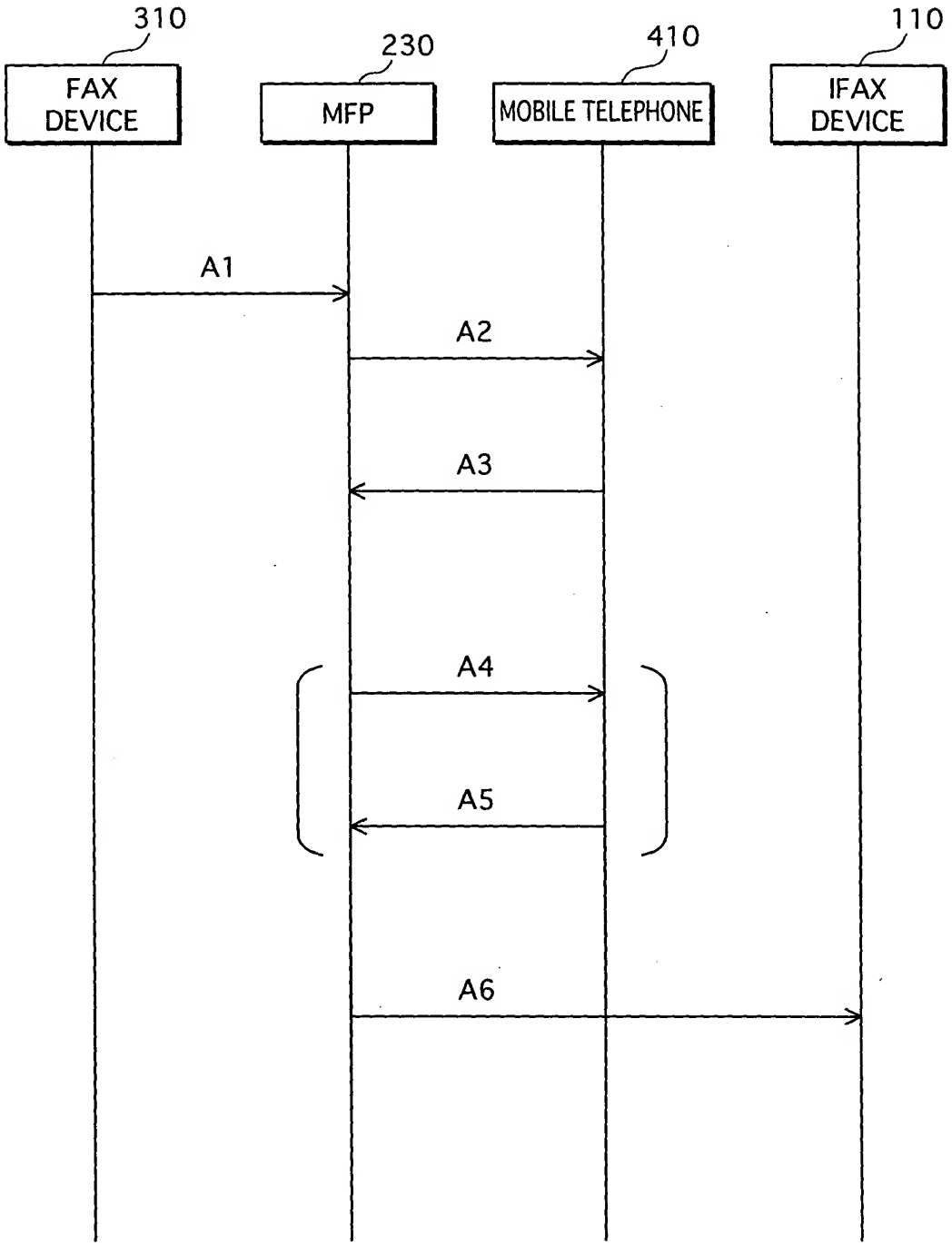

310
230
410
110
FAX DEVICE
MFP
MOBILE TELEPHONE
IFAX DEVICE
A1
A2
A3
A4
A5
A6

FIG.4A

(Header)
From : MFP230@MLT.co.jp
To : IMD410@MLT.co.jp
Subject : FAX received
Date : Thu, 8 Aug 2002 12:00:00

(Message Body)
Massage—ID : 20020808115600.001.fax310.MLT
FAX=
E-mail=
Please reply without deleting the above.
FAX Number : 06-6100-1234
FAXID : FAX310

FIG.4B

(Header)
From : MFP230@MLT.co.jp
To : IMD410@MLT.co.jp
Subject : IFAX received
Date : Thu, 8 Aug 2002 12:00:00

(Message Body)
Massage—ID : <20020808115600.AA01886@ifax.MLT.co.jp>
FAX=
E-mail=
Please reply without deleting the above.
From : IFAX120@ifax.MLT.co.jp
Subject : 1234MLT Meeting Schedule

FIG.5A

(Header)
From : IMD410@MLT.co.jp
Reply-To : MFP230@MLT.co.jp
Subject : Re : FAX received
Date : Thu, 8 Aug 2002 12:10:00

(Message Body)
Massage—ID : 20020808115600.001.fax310.MLT
FAX=
E-mail=IFAX110@ifax.MLT.co.jp
Please reply without deleting the above.
FAX Number : 06-6100-1234
FAXID : FAX310

FIG.5B

(Header)
From : IMD410@MLT.co.jp
Reply-To : MFP230@MLT.co.jp
Subject : Re : IFAX received
Date : Thu, 8 Aug 2002 12:10:00

(Message Body)
Massage—ID : <20020808115600.AA01886@ifax.MLT.co.jp>
FAX=
E-mail=IFAX110@ifax.MLT.co.jp
Please reply without deleting the above.
From : IFAX120@ifax.MLT.co.jp
Subject : 1234MLT Meeting Schedule

FIG.6

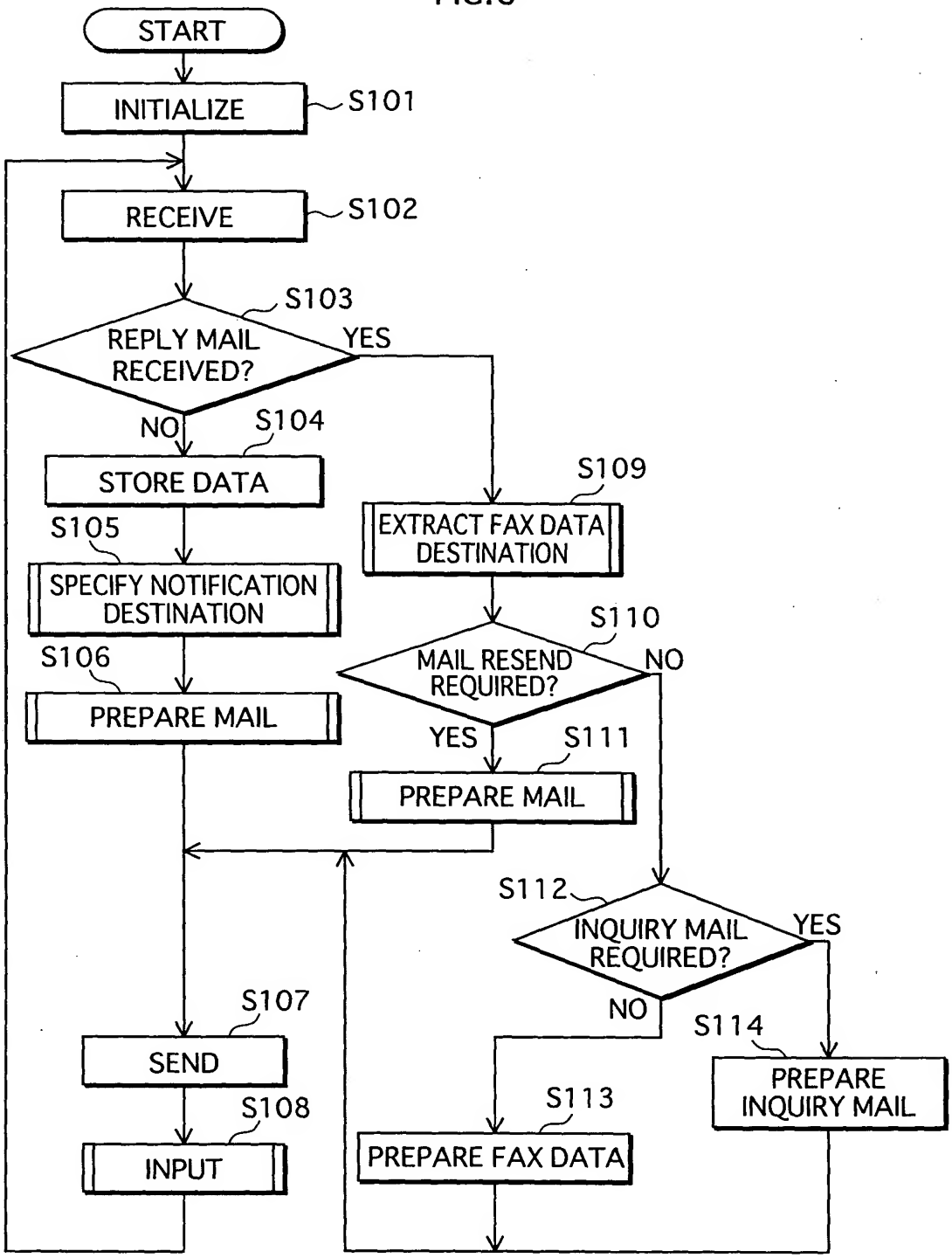

START
INITIALIZE
S101
RECEIVE
S102
S103
REPLY MAIL RECEIVED?
YES
NO
S104
STORE DATA
S105
SPECIFY NOTIFICATION DESTINATION
S106
PREPARE MAIL
S107
SEND
S108
INPUT
S109
EXTRACT FAX DATA DESTINATION
S110
MAIL RESEND REQUIRED?
NO
YES
S111
PREPARE MAIL
S112
INQUIRY MAIL REQUIRED?
YES
NO
S113
PREPARE FAX DATA
S114
PREPARE INQUIRY MAIL

FIG.7

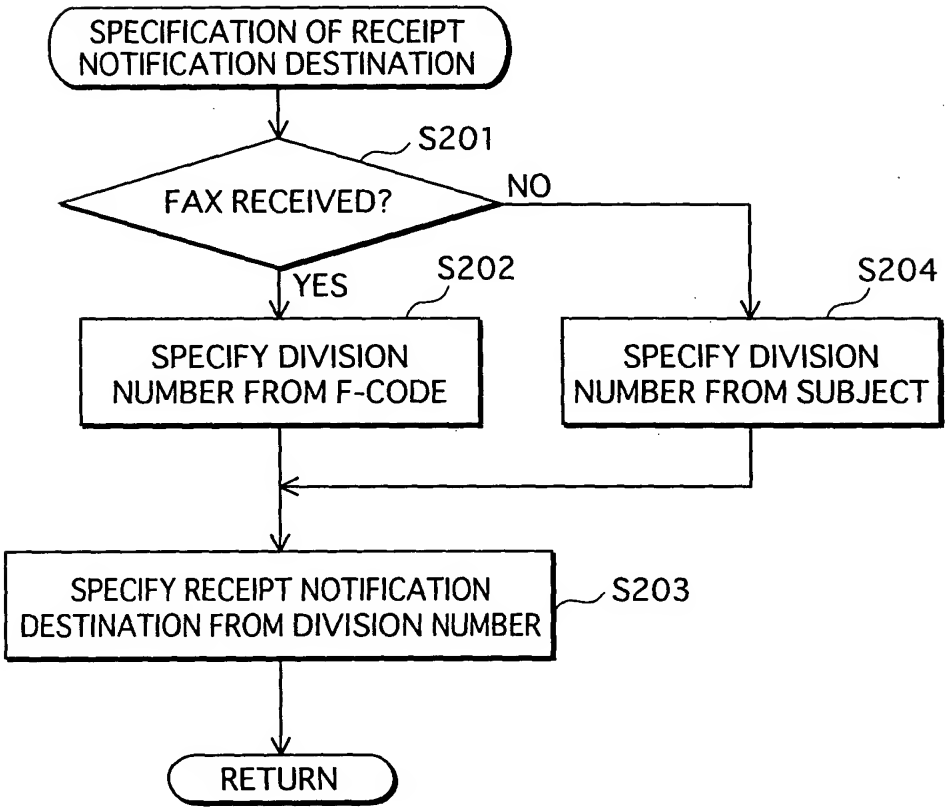

SPECIFICATION OF RECEIPT NOTIFICATION DESTINATION
S201
FAX RECEIVED?
NO
YES
S202
S204
SPECIFY DIVISION NUMBER FROM F-CODE
SPECIFY DIVISION NUMBER FROM SUBJECT
SPECIFY RECEIPT NOTIFICATION DESTINATION FROM DIVISION NUMBER
S203
RETURN

FIG.8

F-CODE	DIVISION NUMBER
1234	001
2345	002
1111	003

FIG.9

DIVISION NUMBER	RECEIPT NOTIFICATION DESTINATION
001	IMD410@MLT.co.jp
002	IMD420@MLT.co.jp
003	IMD430@MLT.co.jp

FIG.10

Subject	DIVISION NUMBER
1234	001
2345	002
1111	003

FIG.11

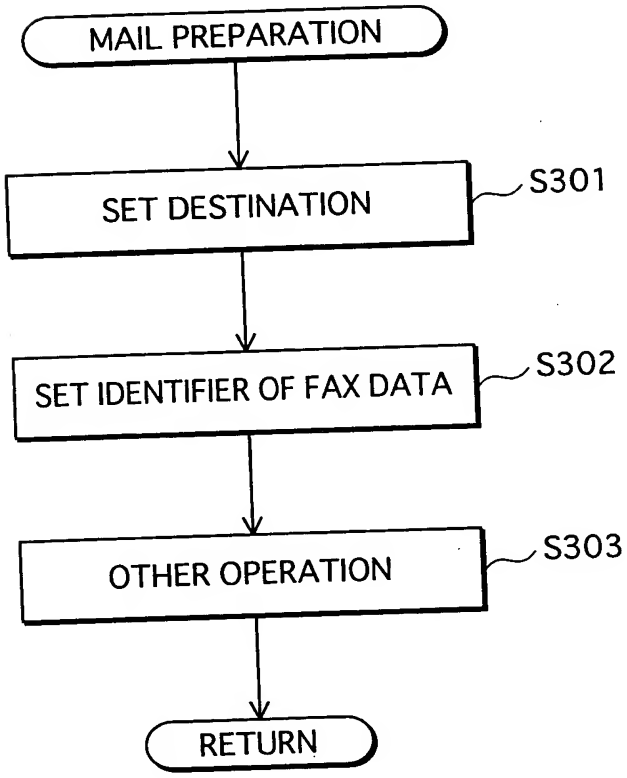

MAIL PREPARATION
SET DESTINATION
S301
SET IDENTIFIER OF FAX DATA
S302
OTHER OPERATION
S303
RETURN

FIG.12

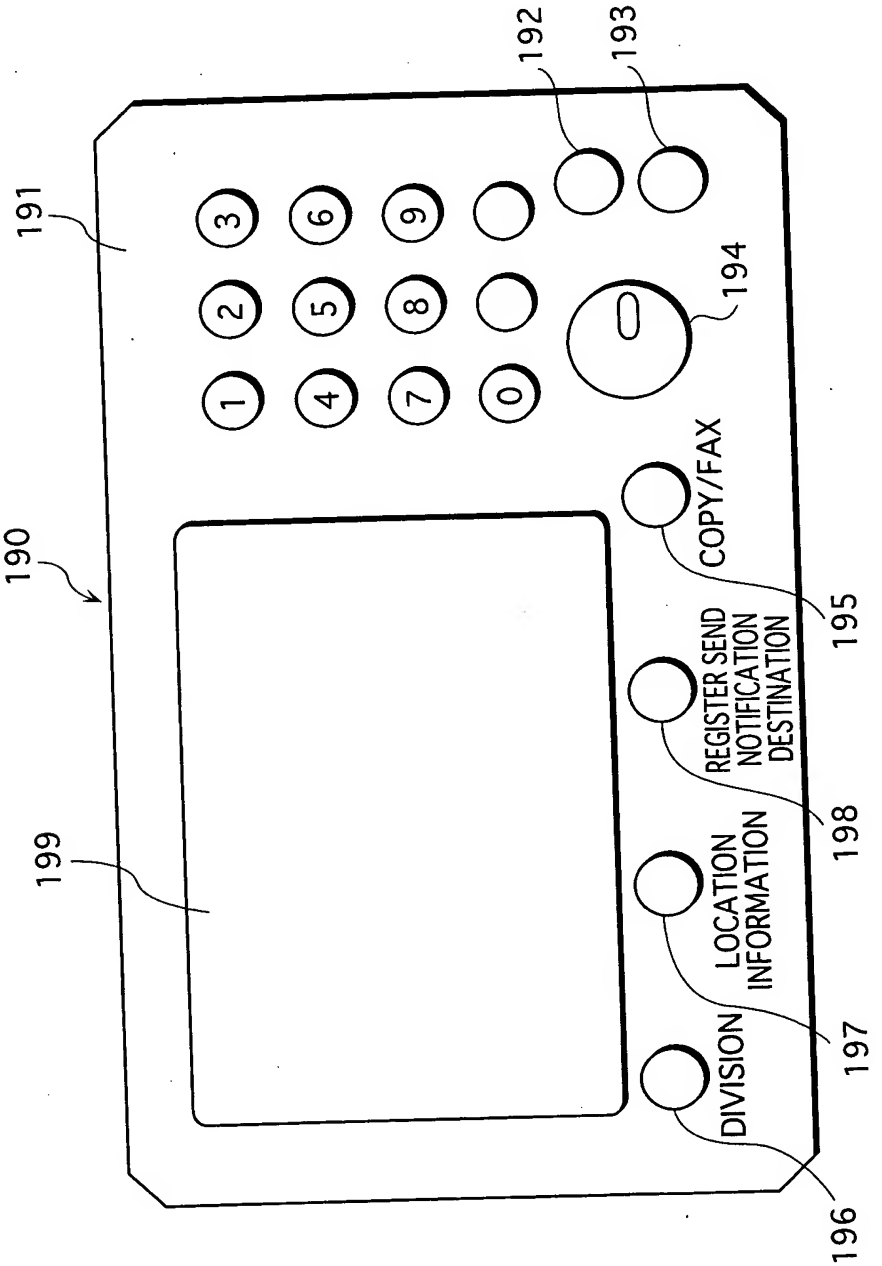

191
190
199
192
193
194
195
196
197
198
1
2
3
4
5
6
7
8
9
0
COPY/FAX
REGISTER SEND NOTIFICATION DESTINATION
LOCATION INFORMATION
DIVISION

FIG. 13

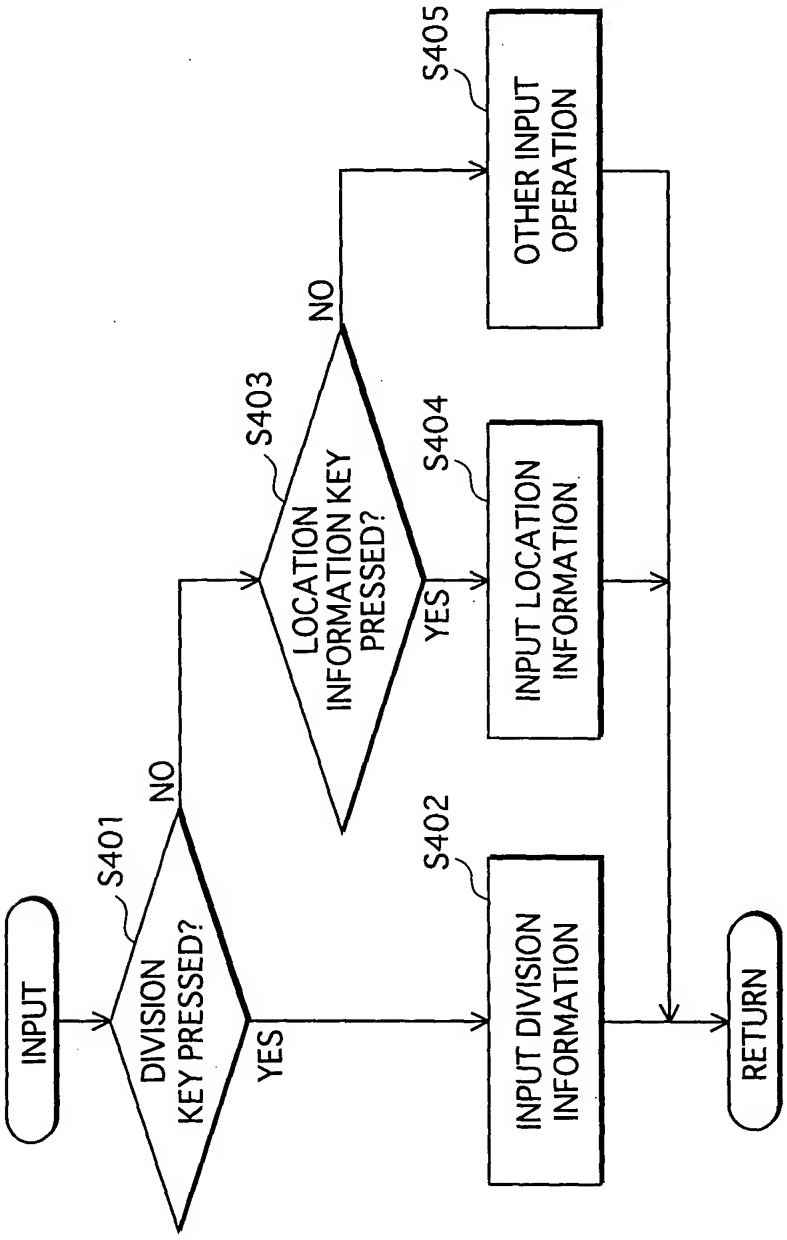

INPUT
S401
DIVISION KEY PRESSED?
NO
YES
S403
LOCATION INFORMATION KEY PRESSED?
NO
YES
S404
INPUT LOCATION INFORMATION
S405
OTHER INPUT OPERATION
S402
INPUT DIVISION INFORMATION
RETURN

FIG.14

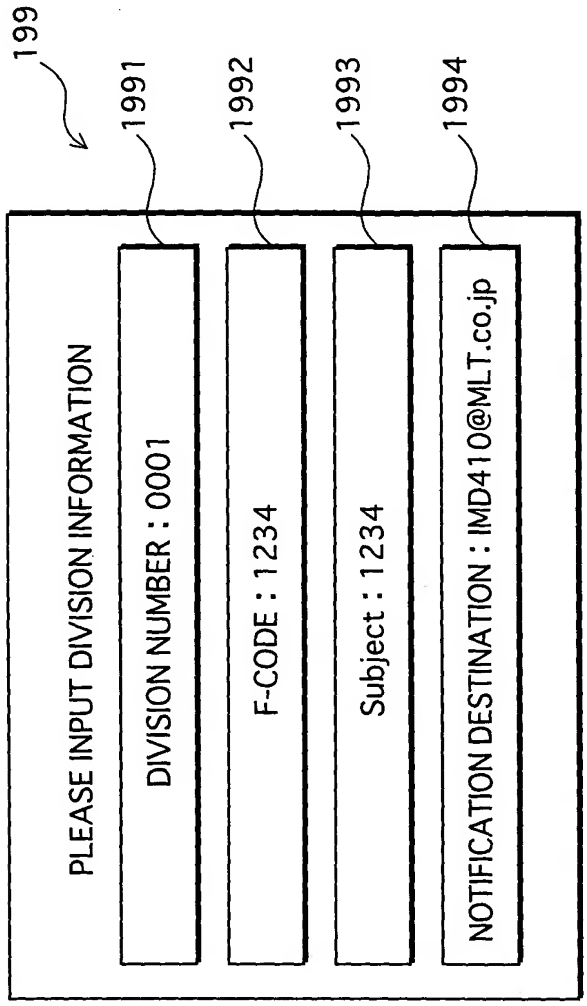

199
1991
1992
1993
1994
PLEASE INPUT DIVISION INFORMATION
DIVISION NUMBER : 0001
F-CODE : 1234
Subject : 1234
NOTIFICATION DESTINATION : IMD410@MLT.co.jp

FIG.15

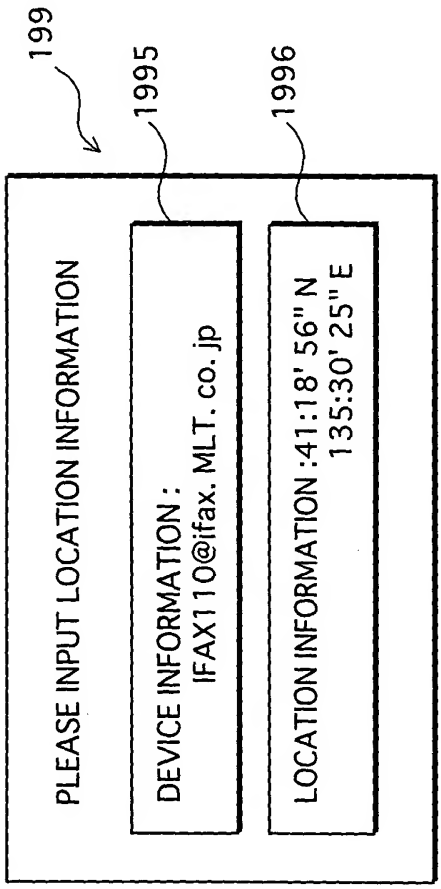

199
1995
1996
PLEASE INPUT LOCATION INFORMATION
DEVICE INFORMATION :
IFAX110@ifax.MLT.co.jp
LOCATION INFORMATION :41:18' 56" N
135:30' 25" E

FIG.16

DEVICE INFORMATION	LOCATION INFORMATION
IFAX110@ifax.MLT.co.jp 06-6100-1234	41:18' 56" N 135:30' 25" E 41:19' 57" N 136:31' 26" E

FIG.17

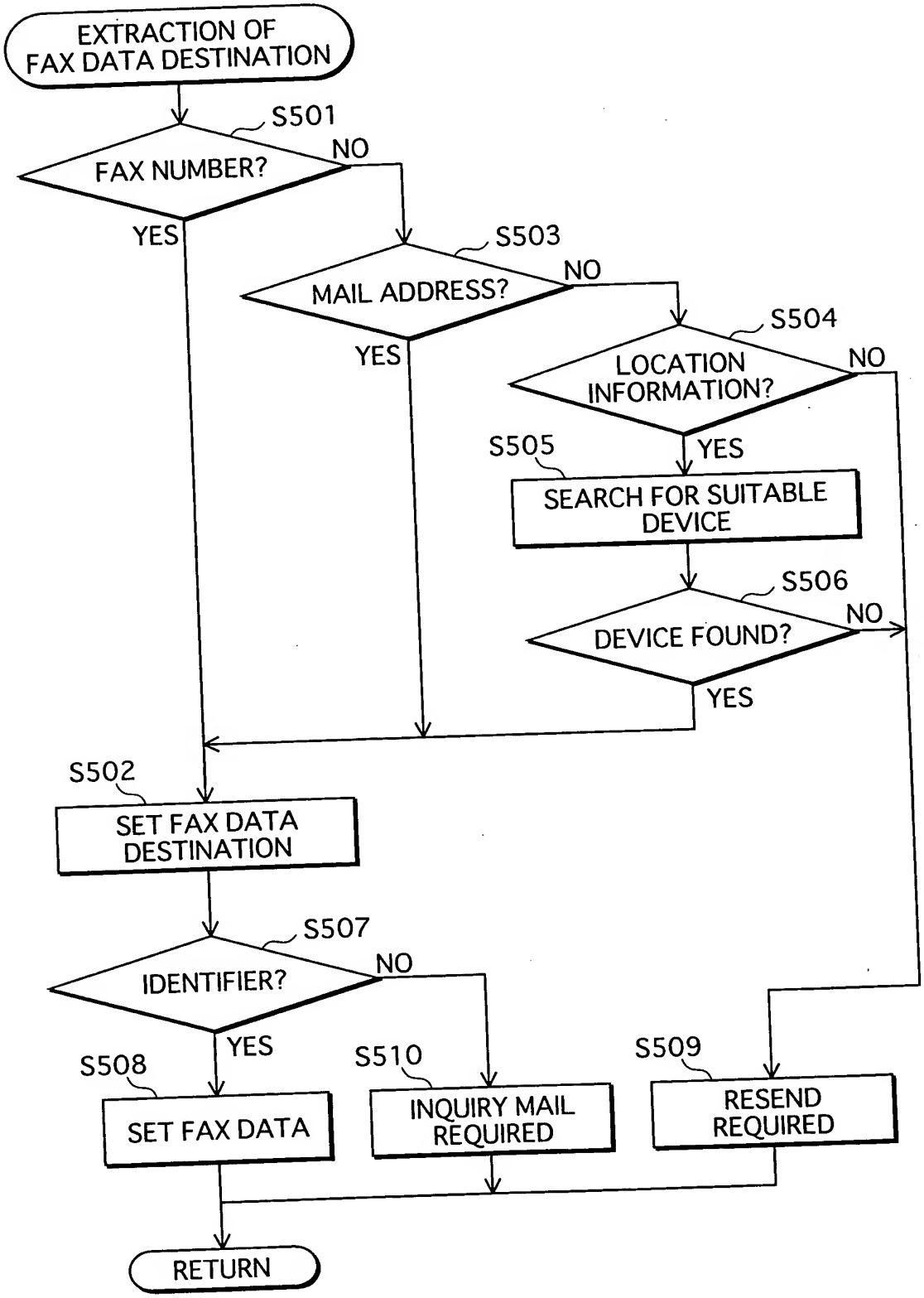

EXTRACTION OF FAX DATA DESTINATION
S501
FAX NUMBER?
NO
YES
S503
MAIL ADDRESS?
NO
YES
S504
LOCATION INFORMATION?
NO
YES
S505
SEARCH FOR SUITABLE DEVICE
S506
DEVICE FOUND?
NO
YES
S502
SET FAX DATA DESTINATION
S507
IDENTIFIER?
NO
YES
S508
SET FAX DATA
S510
INQUIRY MAIL REQUIRED
S509
RESEND REQUIRED
RETURN

FIG.18

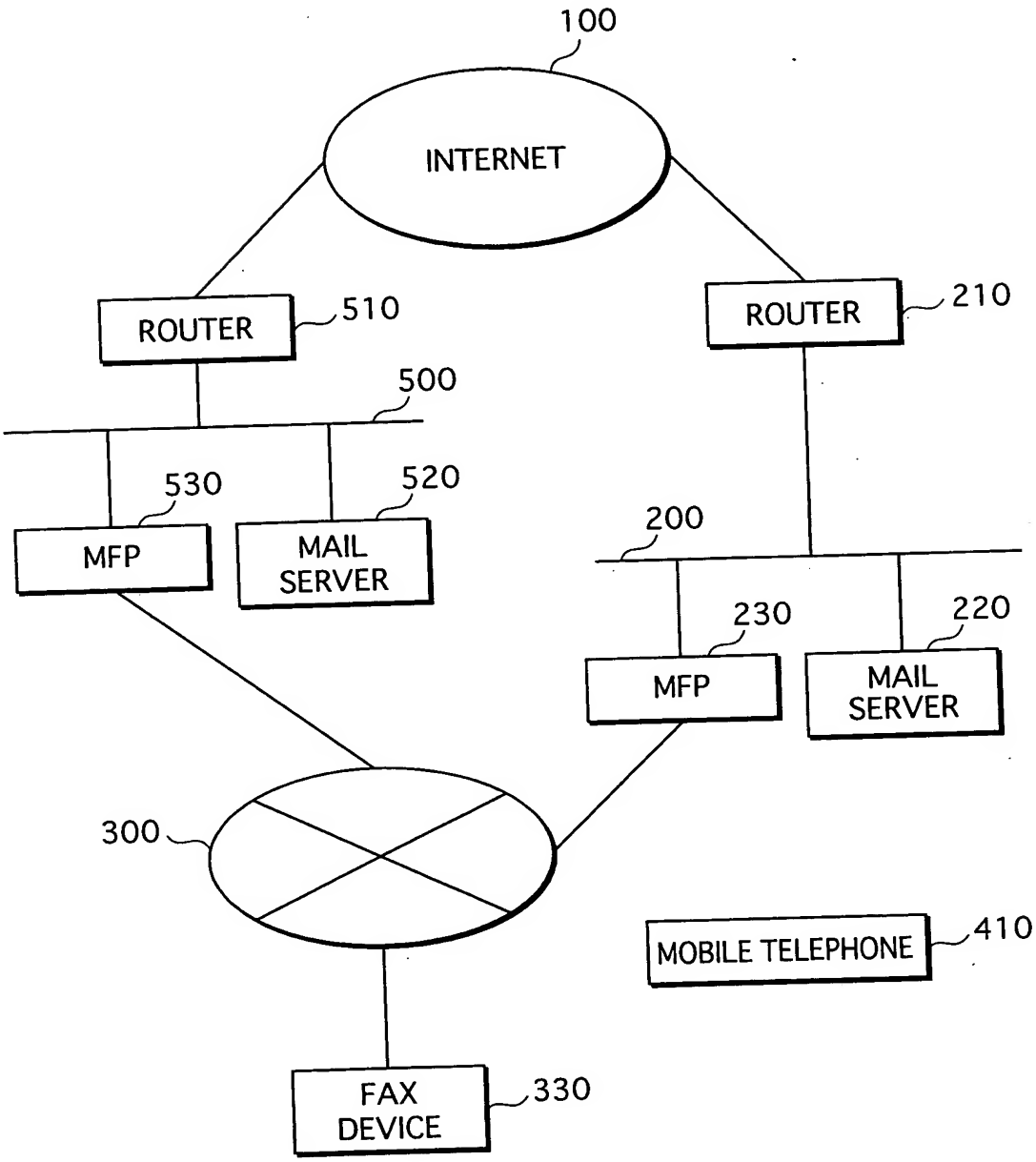

100
INTERNET
ROUTER
510
ROUTER
210
500
530
520
MFP
MAIL SERVER
200
230
220
MFP
MAIL SERVER
300
MOBILE TELEPHONE
410
FAX DEVICE
330

FIG.19

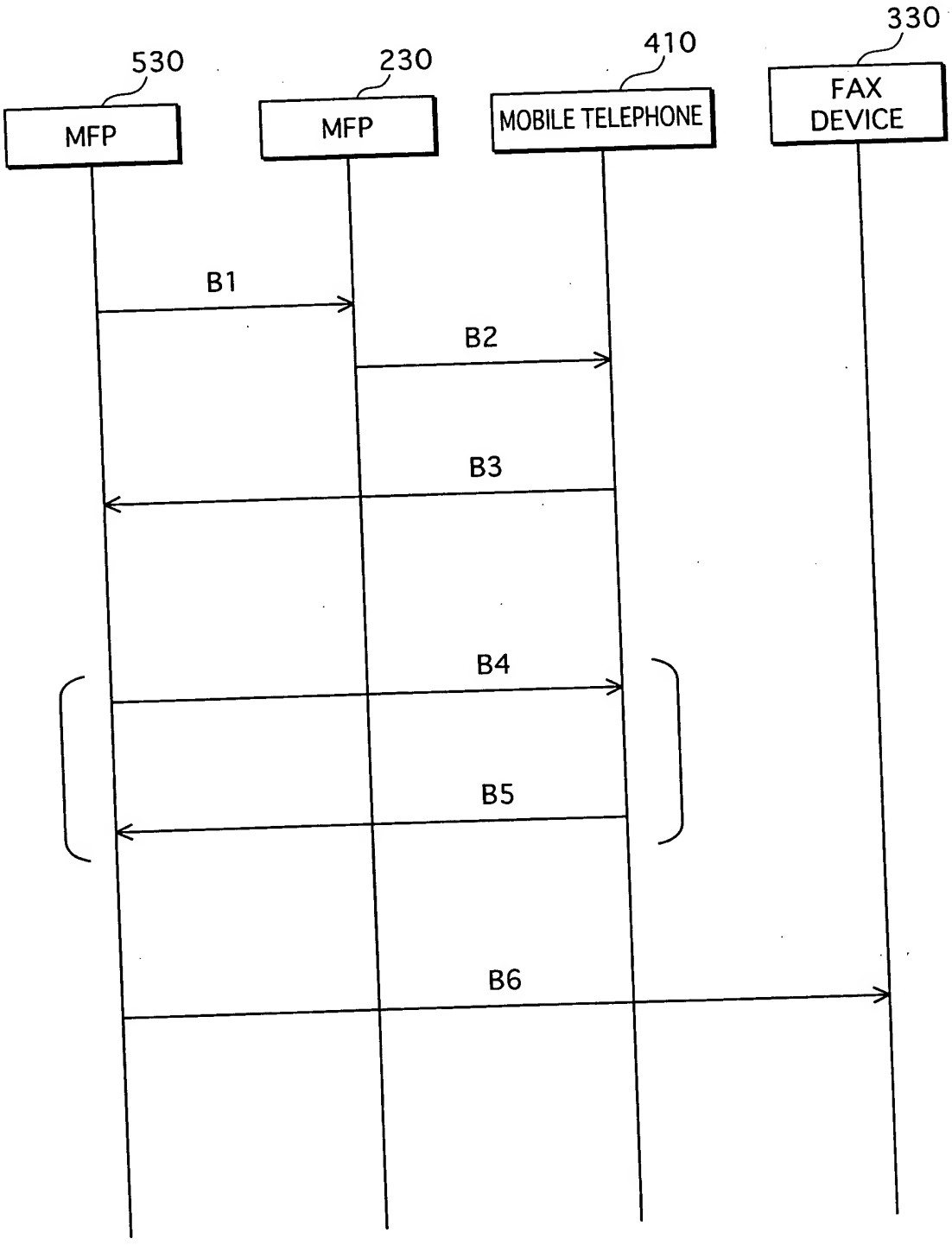

530
MFP
230
MFP
410
MOBILE TELEPHONE
330
FAX DEVICE
B1
B2
B3
B4
B5
B6

FIG.20

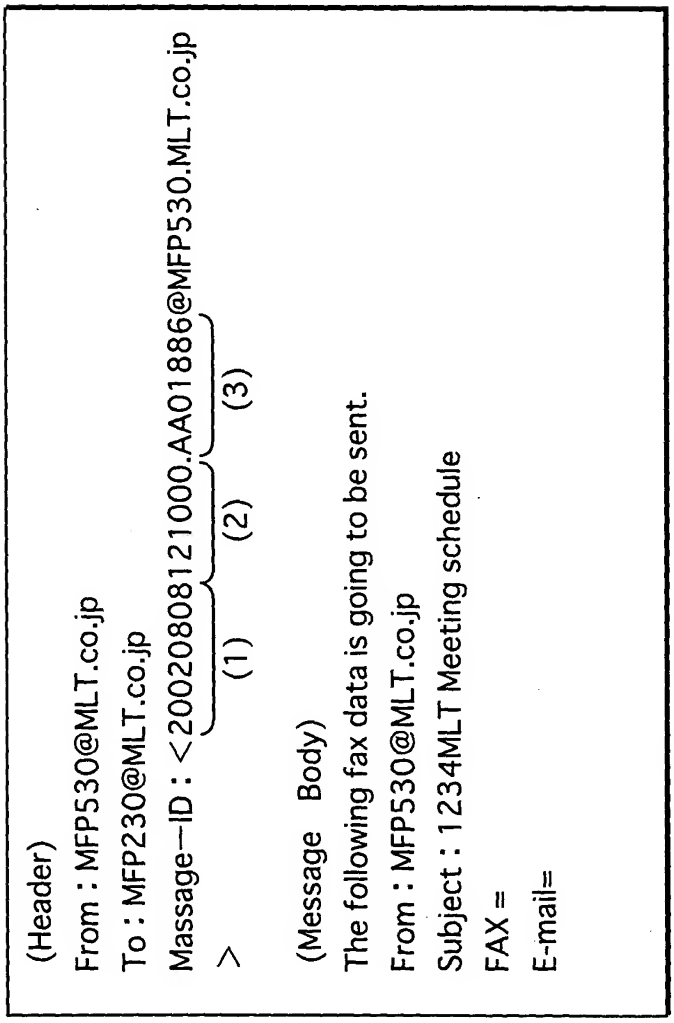

(Header)
From : MFP530@MLT.co.jp
To : MFP230@MLT.co.jp
Massage−ID : <20020808121000.AA01886@MFP530.MLT.co.jp
>
(1)
(2)
(3)
(Message Body)
The following fax data is going to be sent.
From : MFP530@MLT.co.jp
Subject : 1234MLT Meeting schedule
FAX =
E-mail=

FIG.21

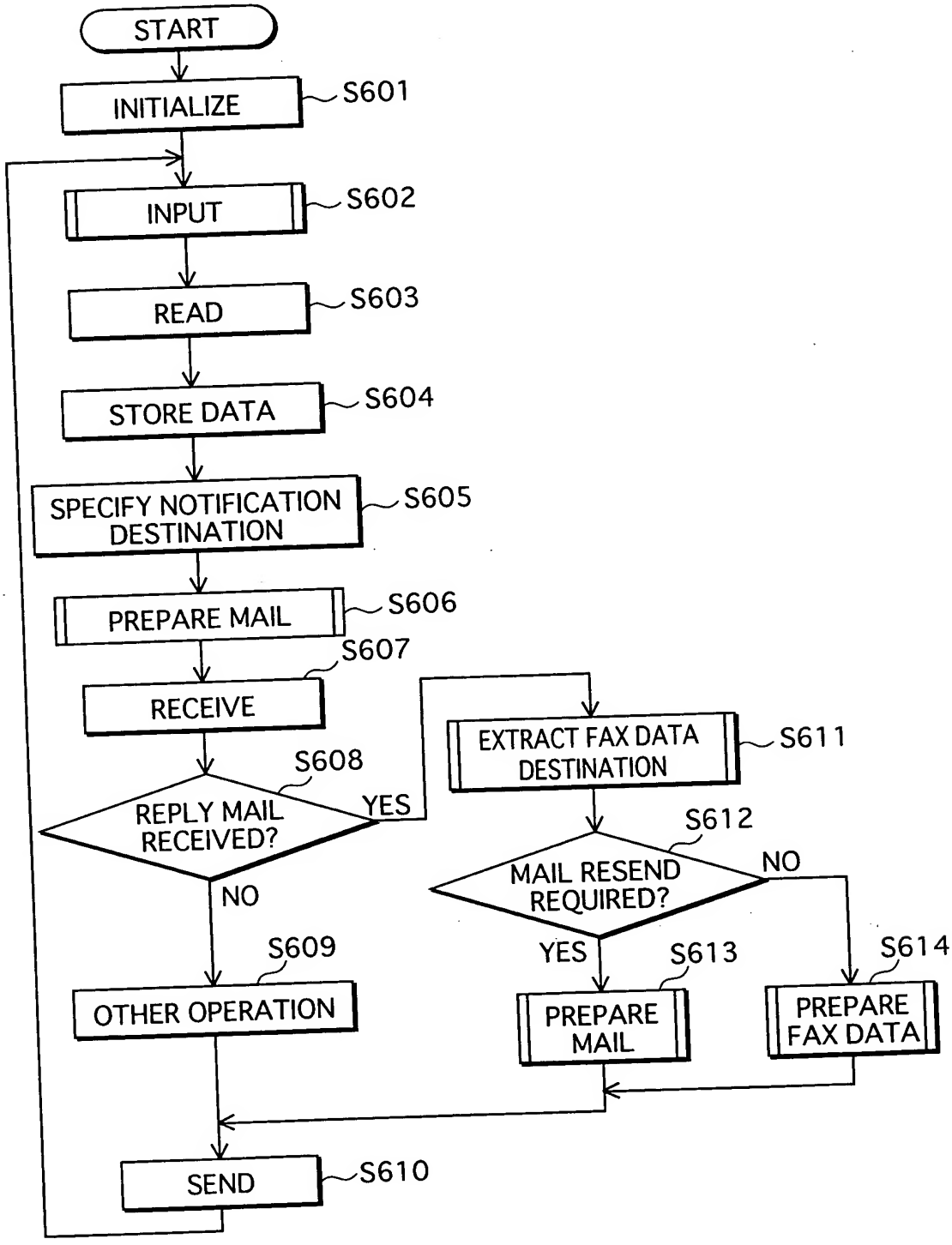

START
INITIALIZE
S601
INPUT
S602
READ
S603
STORE DATA
S604
SPECIFY NOTIFICATION DESTINATION
S605
PREPARE MAIL
S606
S607
RECEIVE
S608
REPLY MAIL RECEIVED?
YES
NO
S609
OTHER OPERATION
EXTRACT FAX DATA DESTINATION
S611
S612
MAIL RESEND REQUIRED?
NO
YES
S613
PREPARE MAIL
S614
PREPARE FAX DATA
SEND
S610

FIG.22

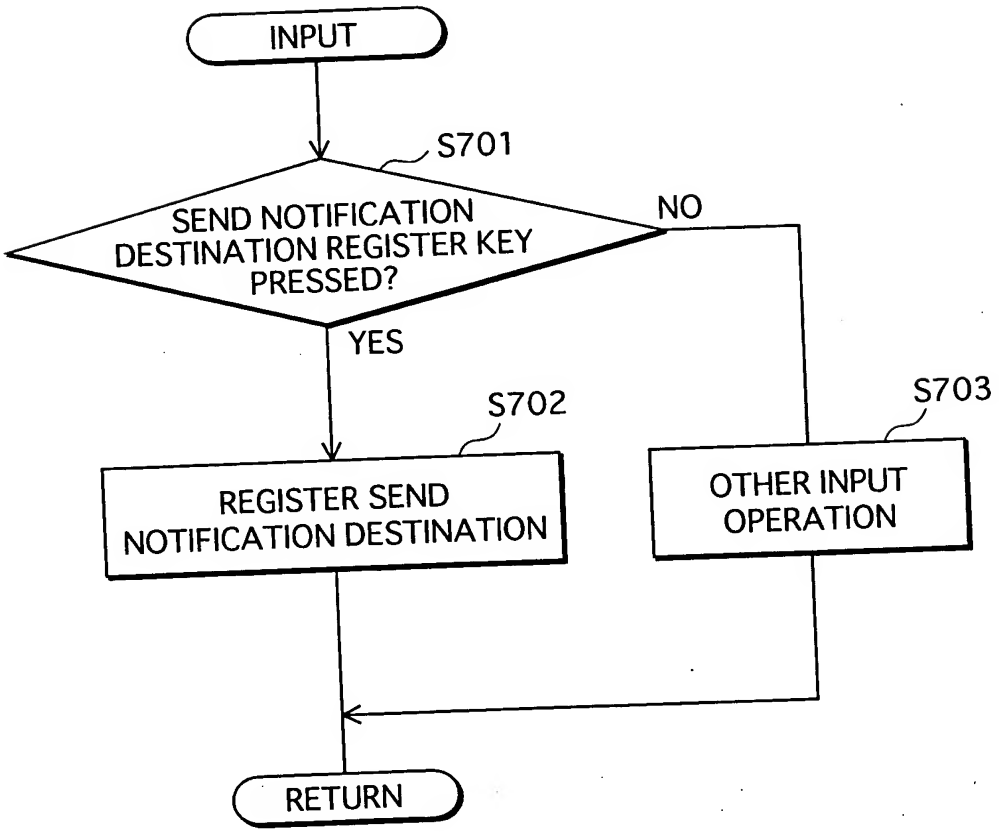

INPUT
S701
SEND NOTIFICATION DESTINATION REGISTER KEY PRESSED?
NO
YES
S702
REGISTER SEND NOTIFICATION DESTINATION
S703
OTHER INPUT OPERATION
RETURN

FIG.23

FAX DATA DESTINATION	SEND NOTIFICATION DESTINATION
06-6100-2345	PC610@MLT.co.jp
06-6101-3456	MFP230@MLT.co.jp

FIG.24

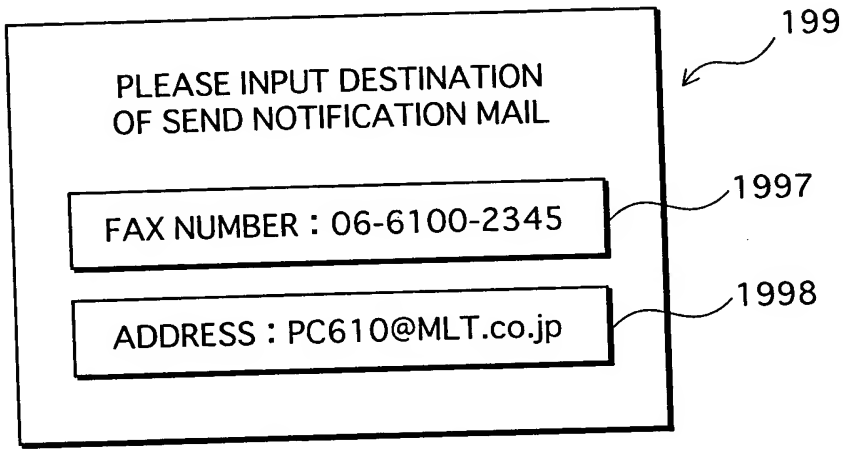

199
PLEASE INPUT DESTINATION OF SEND NOTIFICATION MAIL
FAX NUMBER : 06-6100-2345
1997
ADDRESS : PC610@MLT.co.jp
1998

FIG.25

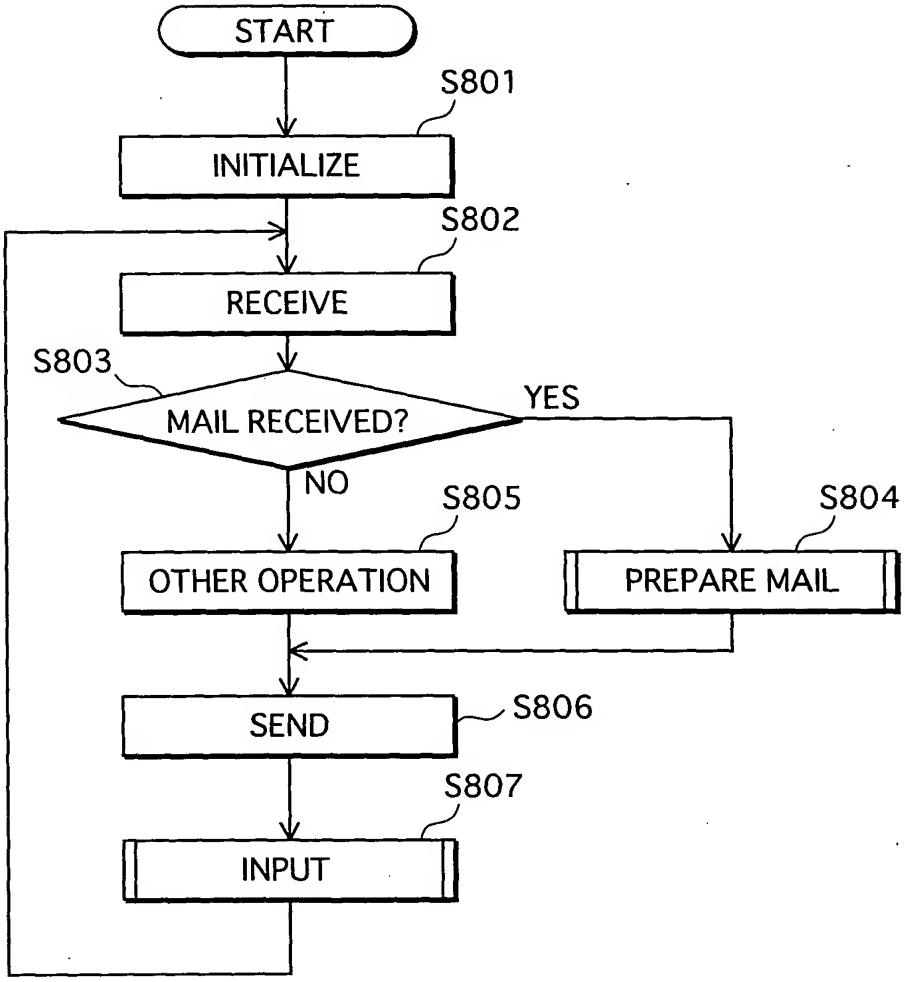

START
S801
INITIALIZE
S802
RECEIVE
S803
MAIL RECEIVED?
YES
NO
S805
OTHER OPERATION
S804
PREPARE MAIL
SEND
S806
S807
INPUT

FIG.26

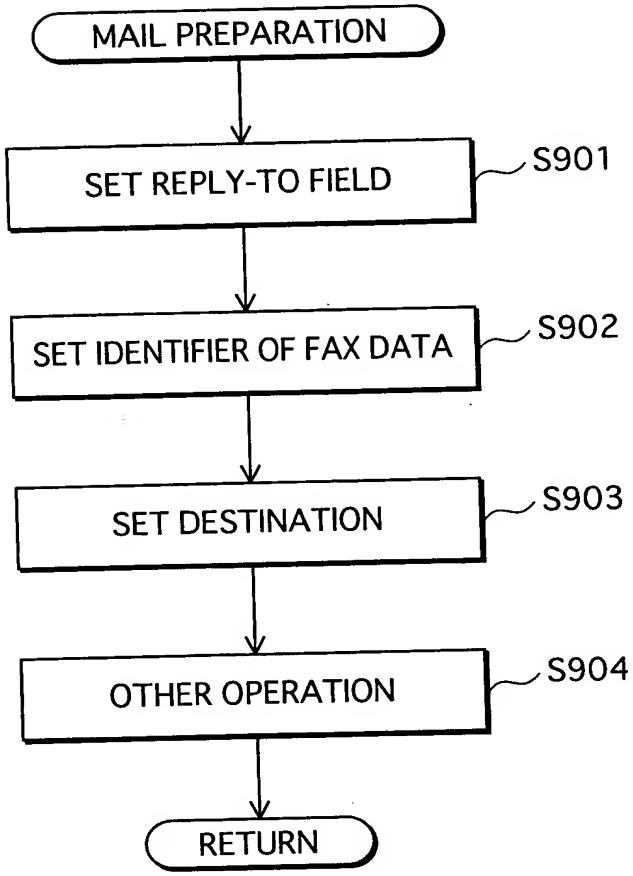

MAIL PREPARATION
SET REPLY-TO FIELD
S901
SET IDENTIFIER OF FAX DATA
S902
SET DESTINATION
S903
OTHER OPERATION
S904
RETURN

FIG.27

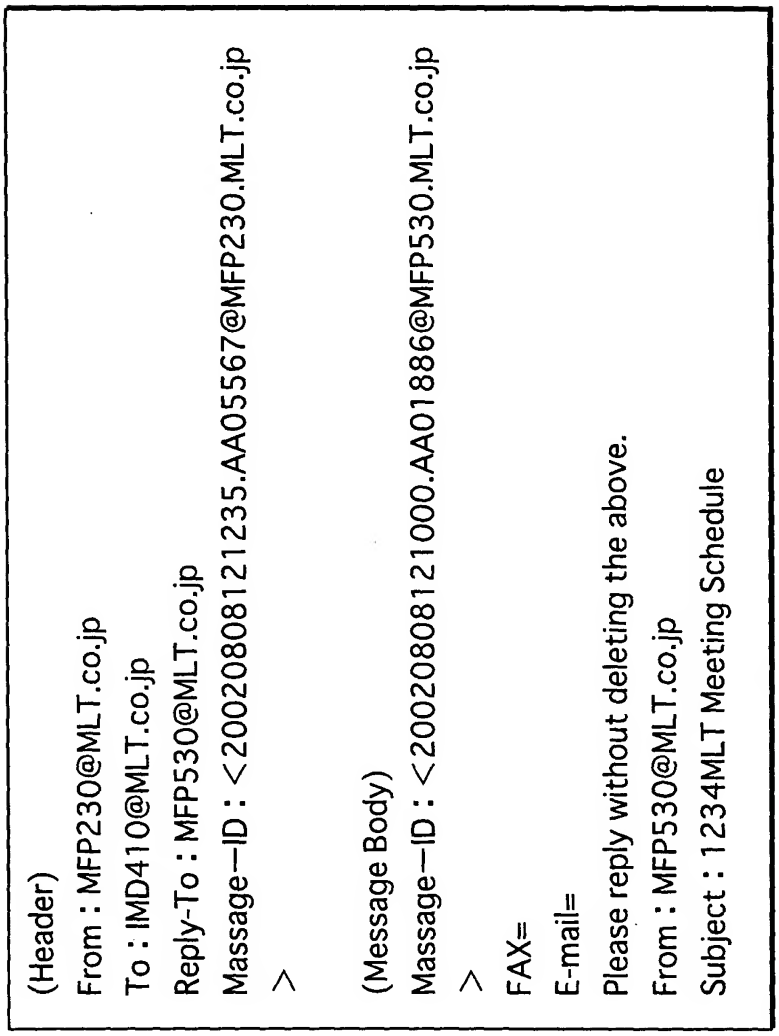

(Header)
From : MFP230@MLT.co.jp
To : IMD410@MLT.co.jp
Reply-To : MFP530@MLT.co.jp
Massage—ID : <20020808121235.AA05567@MFP230.MLT.co.jp
>
(Message Body)
Massage—ID : <20020808121000.AA01886@MFP530.MLT.co.jp
>
FAX=
E-mail=
Please reply without deleting the above.
From : MFP530@MLT.co.jp
Subject : 1234MLT Meeting Schedule

FIG.28

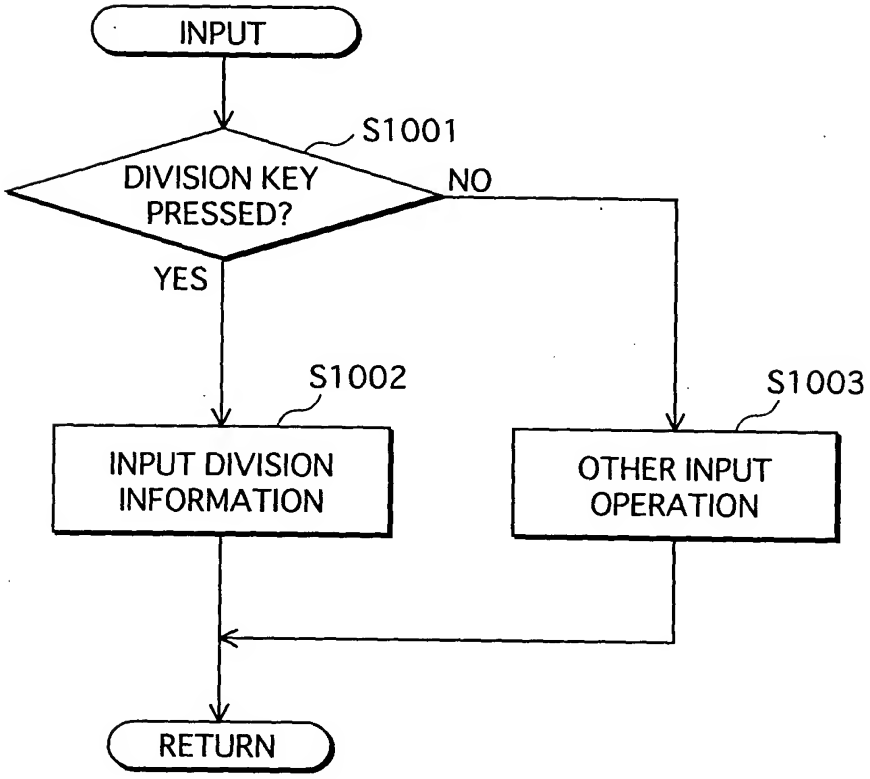

INPUT
S1001
DIVISION KEY PRESSED?
NO
YES
S1002
INPUT DIVISION INFORMATION
S1003
OTHER INPUT OPERATION
RETURN

FIG.29

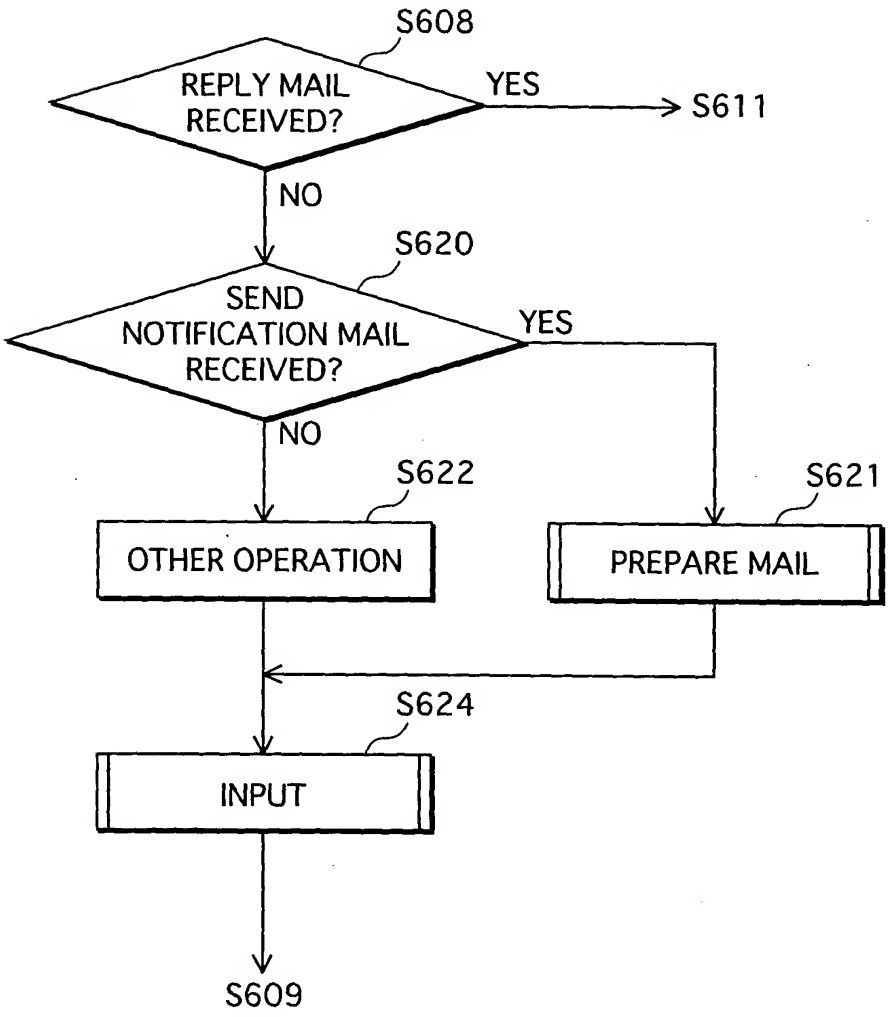

S608
REPLY MAIL RECEIVED?
YES
S611
NO
S620
SEND NOTIFICATION MAIL RECEIVED?
YES
NO
S622
S621
OTHER OPERATION
PREPARE MAIL
S624
INPUT
S609

FIG. 30

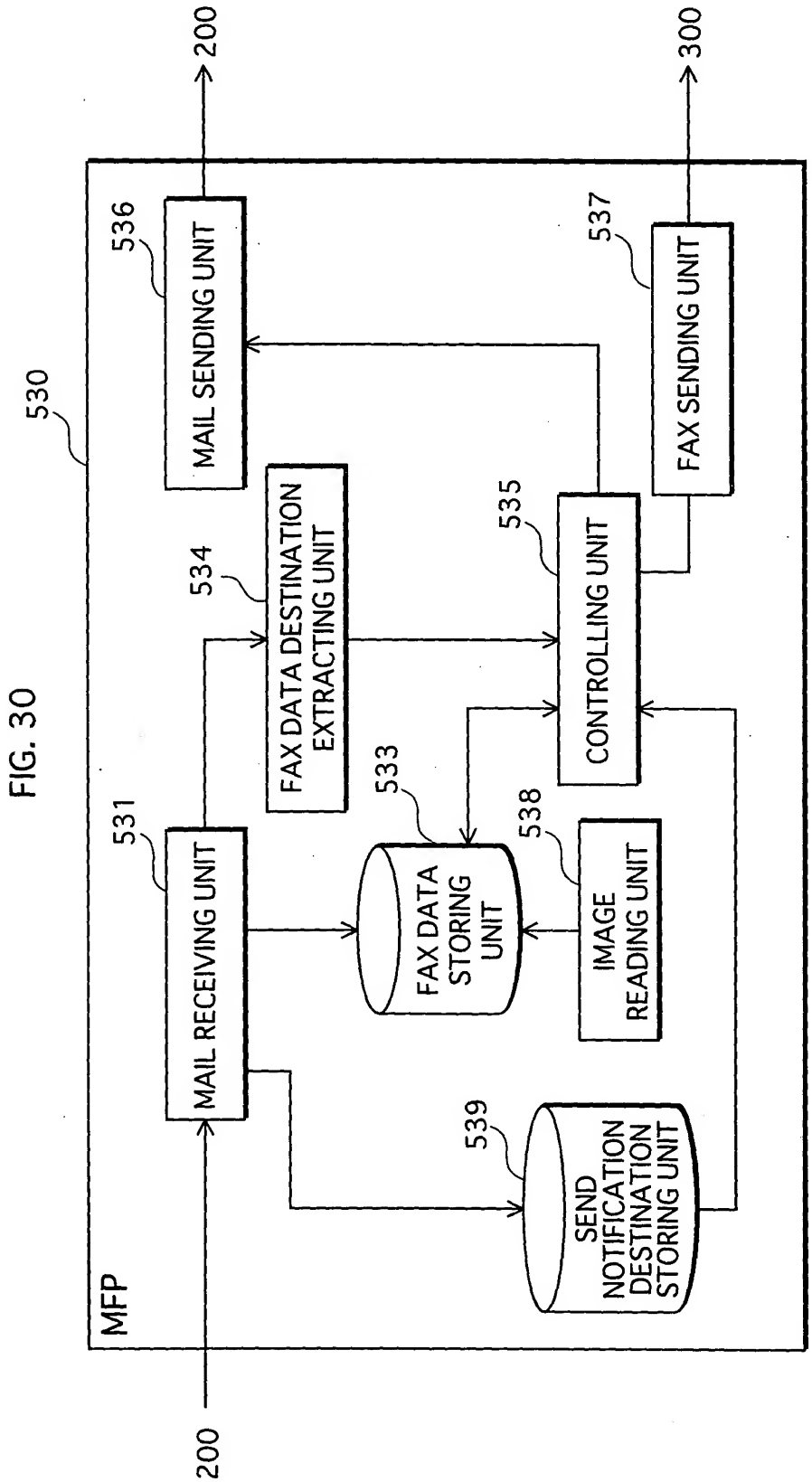

200
300
530
MFP
536
MAIL SENDING UNIT
537
FAX SENDING UNIT
534
FAX DATA DESTINATION EXTRACTING UNIT
535
CONTROLLING UNIT
533
FAX DATA STORING UNIT
538
IMAGE READING UNIT
531
MAIL RECEIVING UNIT
539
SEND NOTIFICATION DESTINATION STORING UNIT
200

FIG.31

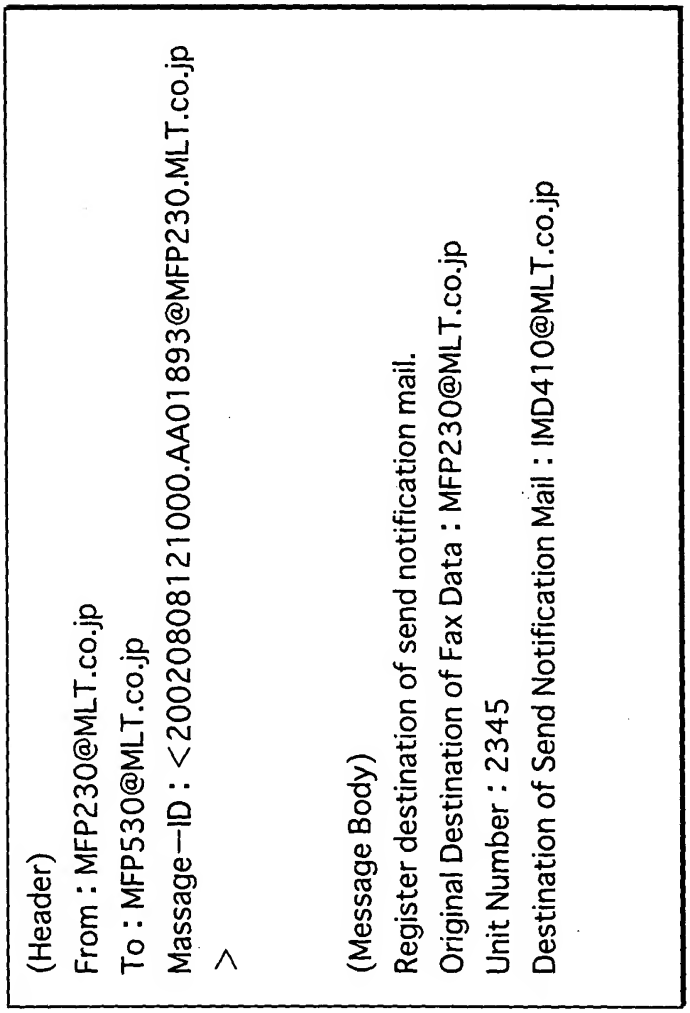

(Header)
From : MFP230@MLT.co.jp
To : MFP530@MLT.co.jp
Massage—ID : <20020808121000.AA01893@MFP230.MLT.co.jp
>
(Message Body)
Register destination of send notification mail.
Original Destination of Fax Data : MFP230@MLT.co.jp
Unit Number : 2345
Destination of Send Notification Mail : IMD410@MLT.co.jp

FIG.32

FAX DATA DESTINATION	DIVISION NUMBER	SEND NOTIFICATION DESTINATION
MFP230@MLT.co.jp	1234	IMD410@MLT.co.jp
06-6101-3456	2345	IMD420@MLT.co.jp

FIG.33

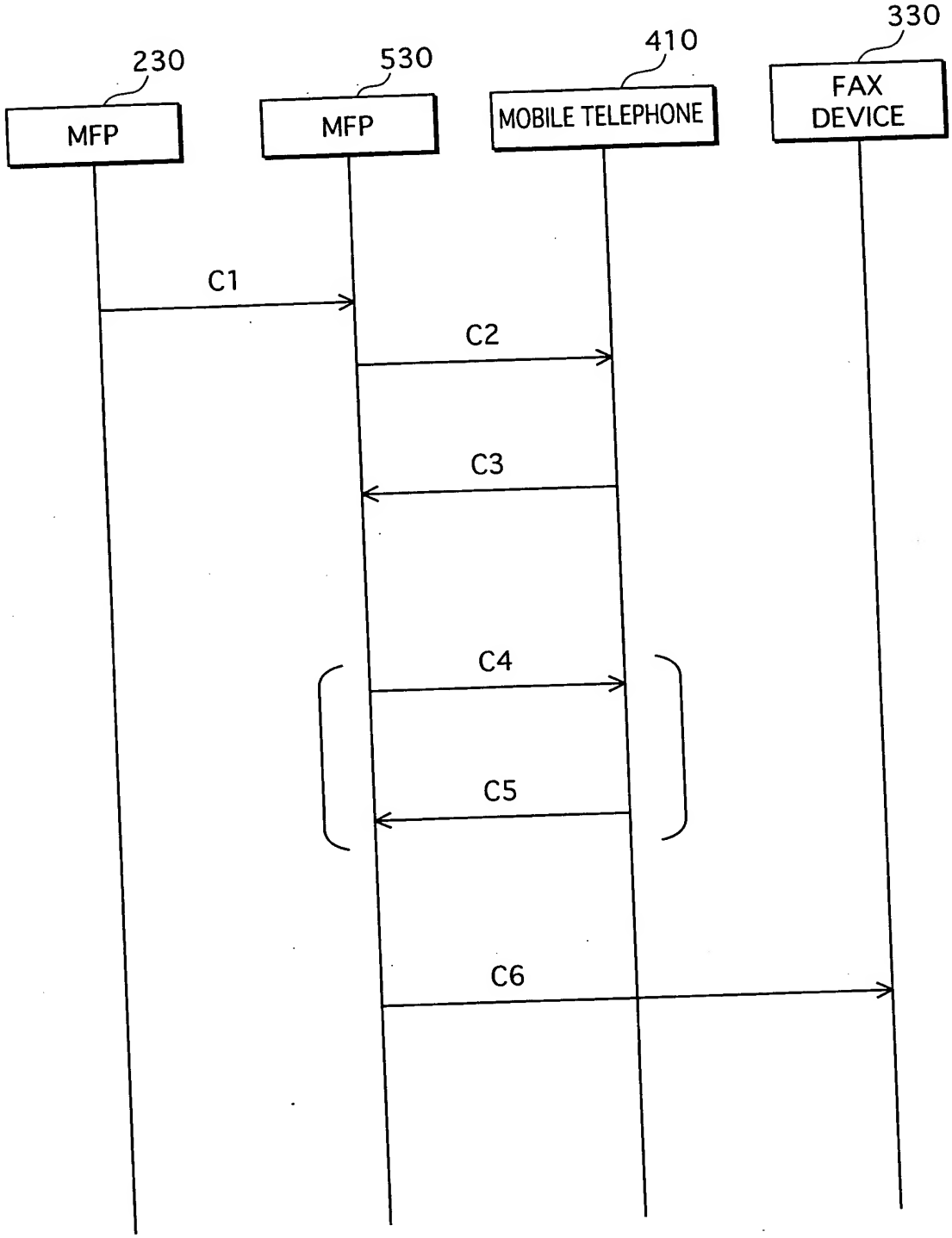

230
MFP
530
MFP
410
MOBILE TELEPHONE
330
FAX DEVICE
C1
C2
C3
C4
C5
C6

FIG.34

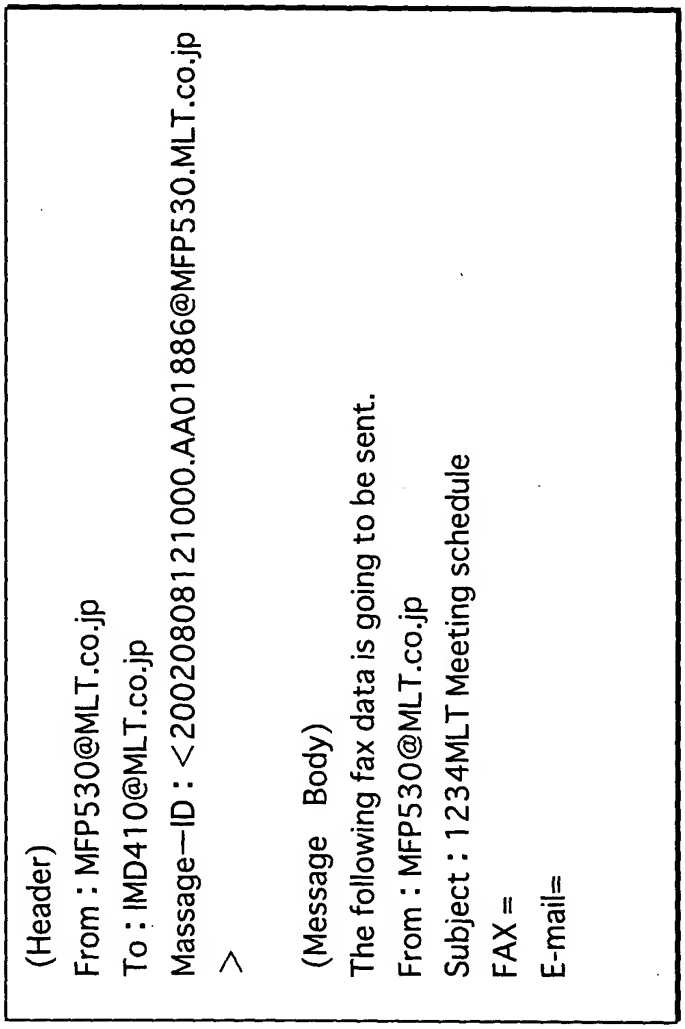

(Header)
From : MFP530@MLT.co.jp
To : IMD410@MLT.co.jp
Massage−ID : <20020808121000.AA01886@MFP530.MLT.co.jp
>
(Message Body)
The following fax data is going to be sent.
From : MFP530@MLT.co.jp
Subject : 1234MLT Meeting schedule
FAX =
E-mail=

FIG.35

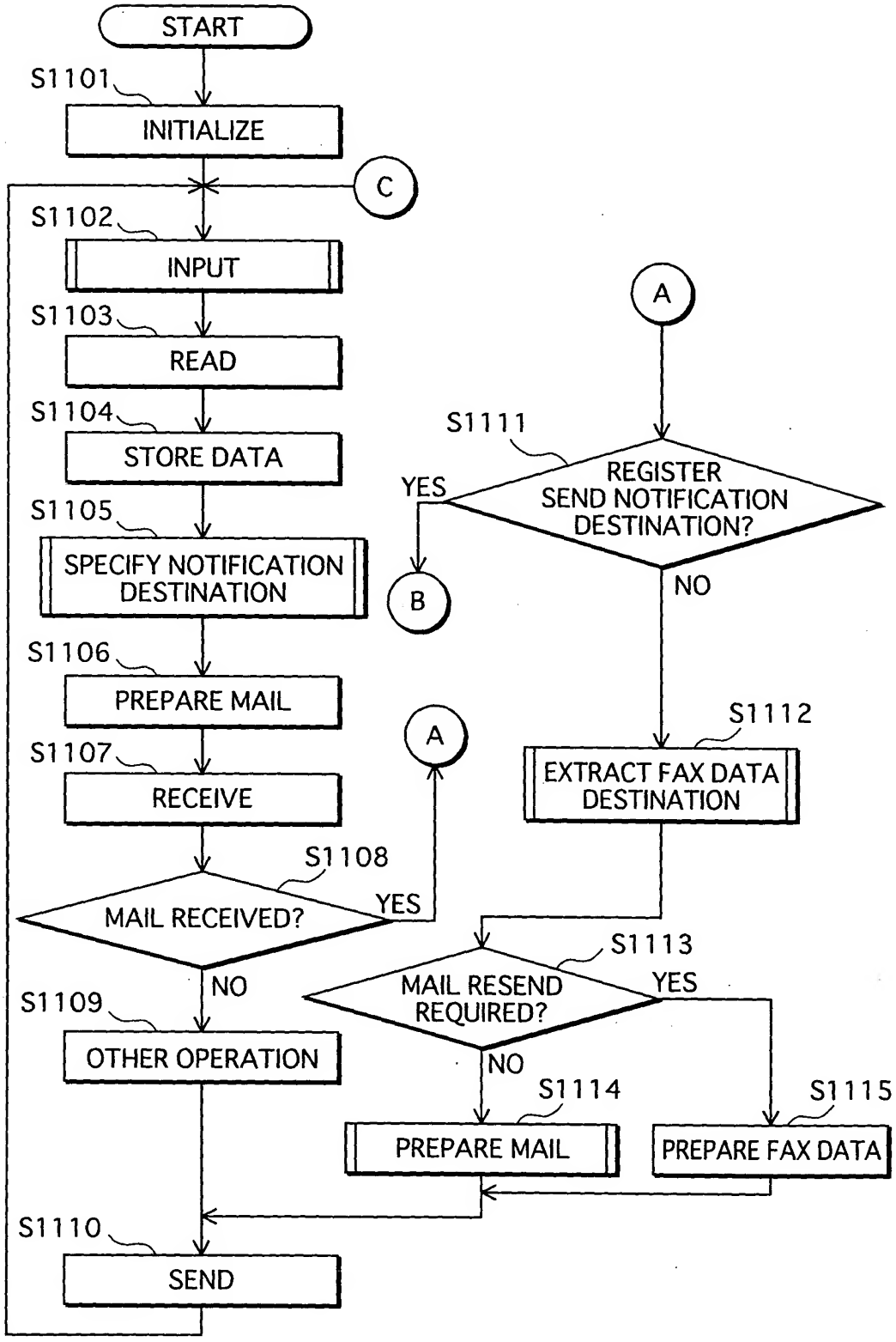

START
S1101
INITIALIZE
C
S1102
INPUT
S1103
READ
S1104
STORE DATA
S1105
SPECIFY NOTIFICATION DESTINATION
S1106
PREPARE MAIL
S1107
RECEIVE
S1108
MAIL RECEIVED?
YES
NO
A
S1109
OTHER OPERATION
S1110
SEND
A
S1111
REGISTER SEND NOTIFICATION DESTINATION?
YES
NO
B
S1112
EXTRACT FAX DATA DESTINATION
S1113
MAIL RESEND REQUIRED?
YES
NO
S1114
PREPARE MAIL
S1115
PREPARE FAX DATA

FIG.36

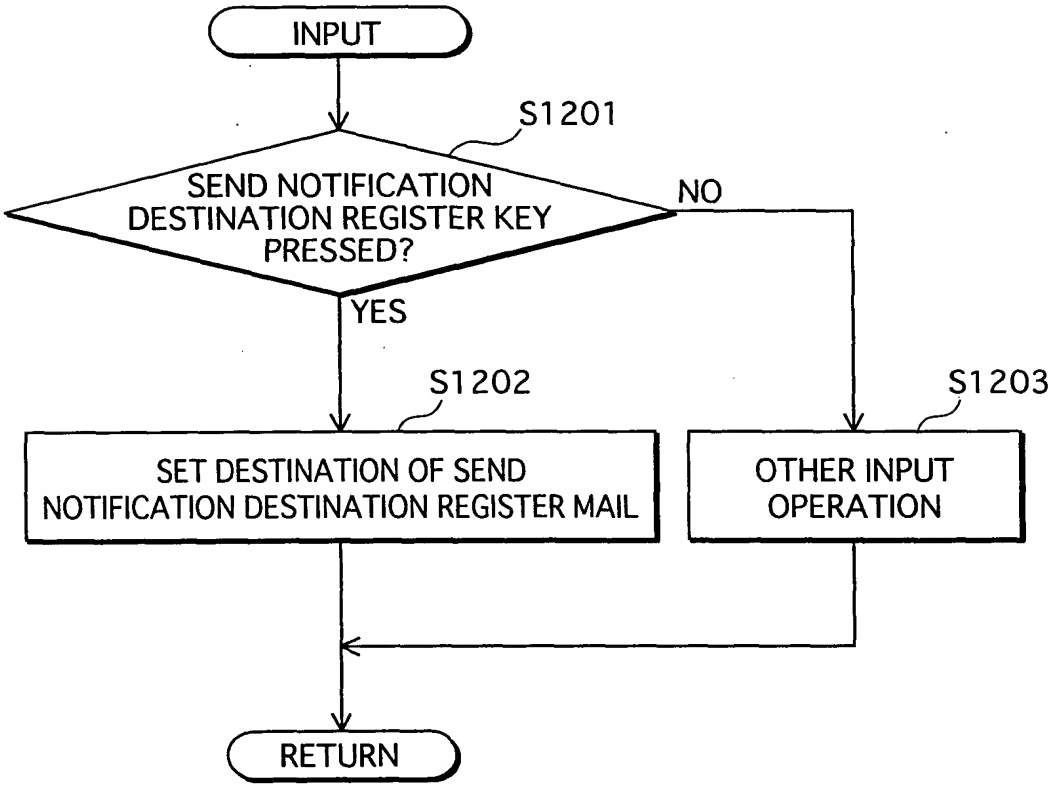

INPUT
S1201
SEND NOTIFICATION DESTINATION REGISTER KEY PRESSED?
NO
YES
S1202
S1203
SET DESTINATION OF SEND NOTIFICATION DESTINATION REGISTER MAIL
OTHER INPUT OPERATION
RETURN

FIG.37

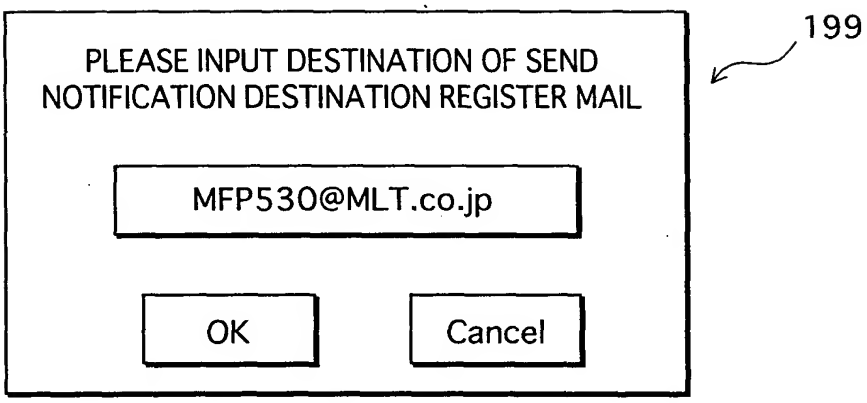
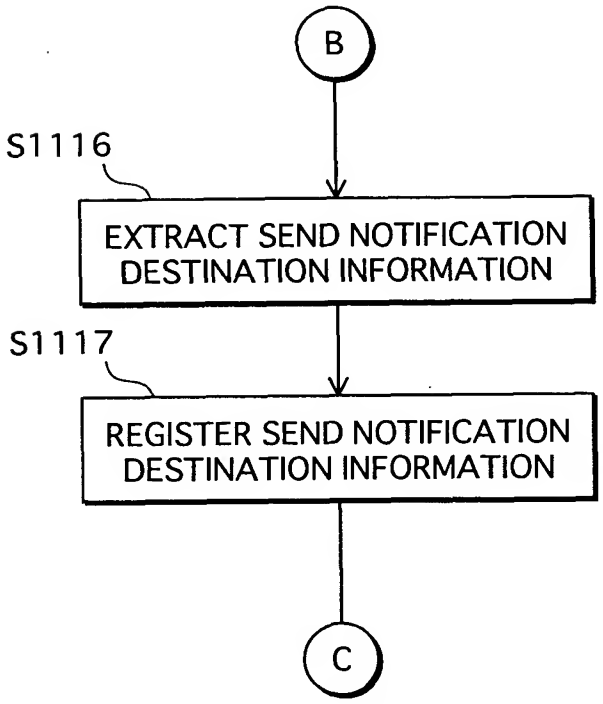

PLEASE INPUT DESTINATION OF SEND NOTIFICATION DESTINATION REGISTER MAIL
MFP530@MLT.co.jp
OK
Cancel
199

FIG.38


B
S1116
EXTRACT SEND NOTIFICATION DESTINATION INFORMATION
S1117
REGISTER SEND NOTIFICATION DESTINATION INFORMATION
C